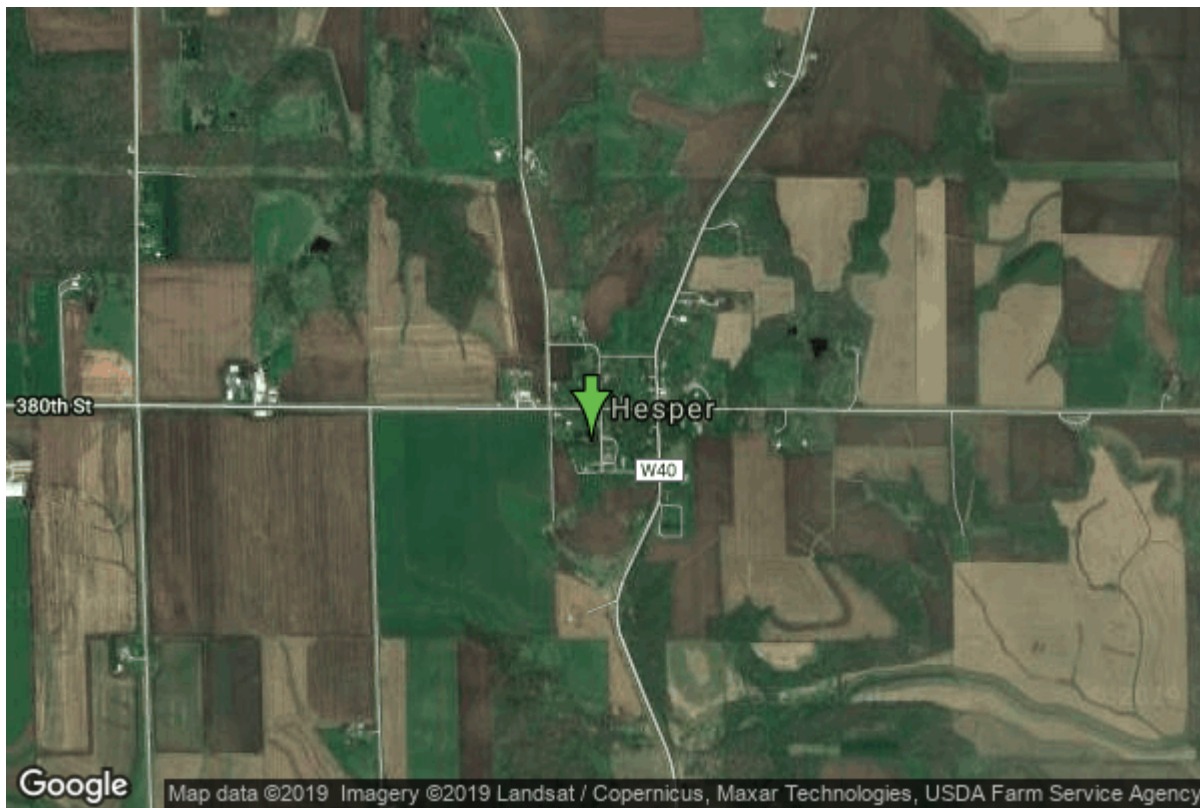


Well W#31602 Information



Date Received	10/05/1990	State	Iowa
Owner Name	Hesper Lutheran Church	County	Winneshiek
Alt Name	#1	Quadrangle	Burr Oak, Iowa
WNumber	31602	Township	T100N
PWTS ID	0	Range	R8W
PWS ID	9652801	Section	14
Storet ID	0	Quarter	NW NW NW SW NW
SDWIS ID	2409709	Latitude	43.4853230000
USGS ID	0	Longitude	-91.7708380000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	599395
		UTM Y	4815445

Site Type	Drilled hole	Drilling Company	Shawver Well Co.
Well Status	Primary	Drilling Date	09/21/1990
Field Located	No	Drilling Method	Rotary
Elevation	1343 ft	Bedrock Depth	15 ft
Elevation Accuracy	Digital Elevation Model Accurate to 10 ft	Well Depth	475 ft
Landscape Position	Upland	Total Depth	475 ft
		Well Types	Public Supply
		Aquifers	

Casing Construction Information

Date	09/21/1990	Casing Type	Steel
Start Depth	-2.00 ft	End Depth	410.00 ft

Diameter	5.00 in	Amount	412.00 ft
Comments			

Grout Construction Information

Date	09/21/1990		
Grout Type	Cement	Grout Placement	Unknown
Start Depth	0.00 ft	End Depth	407.00 ft
Comments			

Pump Construction Information

Date	09/21/1990	Pump Type	Unknown
Diameter	0.00 in	Rating	14
Depth Intake	340.00 ft		
Comments			

Log Information

Date	05/04/2000
Log Types	Strip log
Prepared By	Unknown
Comments	

Date	
Log Types	Drillers log
Prepared By	Unknown
Comments	

Stratigraphy Information

System	Quaternary		
Series	Pleistocene Series		
Group	Wisconsinan Episode		
Formation	Peoria		
Member			
Submember			
Start Depth	0.00 ft	End Depth	15.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Loess	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Dunleith		
Member			
Submember			
Start Depth	15.00 ft	End Depth	55.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Decorah		
Member			
Submember			
Start Depth	55.00 ft	End Depth	95.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Platteville		
Member			
Submember			
Start Depth	95.00 ft	End Depth	130.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member			
Submember			

Start Depth	130.00 ft	End Depth	134.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	St. Peter Sandstone		
Member			
Submember			
Start Depth	134.00 ft	End Depth	195.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member			
Submember			
Start Depth	195.00 ft	End Depth	290.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Oneota		
Member			
Submember			
Start Depth	290.00 ft	End Depth	445.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Cambrian		
Series			
Group			
Formation	Jordan		
Member	Coon Valley		
Submember			
Start Depth	445.00 ft	End Depth	475.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	09/21/1990	Start Time	
Aquifer	Unknown	Yield	14 gallons per minute
Static Water Level	245.00 ft	Yield Method	Unknown
Pumping Water Level	0 ft	Pump Test	No
Measurement	Unknown	Duration	0 mins
Pump Method	Unknown		
Comments			

Chip Storage Information

Date	11/20/1992	Bin	
Storage	OD2-820,821	Number of Samples	94
Number of Boxes	2	Sample Gaps	160-165
Sample Intervals	5	Sample Bottom	475 ft
Sample Top	0 ft	Washed Bottom	475 ft
Washed Top	15 ft		
Duplicate Storage			
Comments			

<https://www.iuhr.uiowa.edu/igs/geosam/well/31602/general-information>